

# Complete Javascript Roadmap For beginner



# Tools and Software

## 1- Text/Code Editor

Recommended- VS Code

## 2- Web Browser

Recommended- Chrome or Firefox

## 3- Editor Extensions

Recommended- Live Server

## 4- Deployment Tools

Recommended- FTP Client, SSH Tool

## 5- 3rd Party Terminal

Recommended- Git Bash

# Html & Css First

## 1-HTML 5 Elements

Semantic Elements



## 2- Basic CSS

- \* Positioning
- \* Box Model
- \* Flexbox
- \* Grid
- \* Custom Layout



## 3-Responsive Layouts

Media query, rem units, Mobile First

## 4-Browser Dev Tools

# JavaScript

## 1- Vanilla JS (No Frameworks!)

- \* Datatypes
- \* Functions
- \* Conditionals
- \* Loops

## 2- DOM Manipulation & Events

## 3- Fetch API & JSON

## 4- ES6+ Features

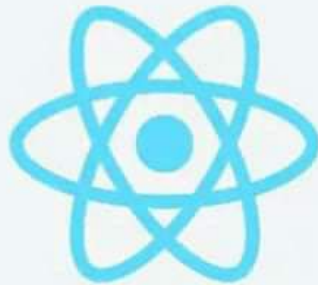
- \* Arrow Functions
- \* Promises
- \* Async/Await
- \* Destructuring
- \* Template String

# Frameworks

Html & Css

Front-end

Back-end





# Side Technologies

## 1-Git & Github



## 2-Basic Command Line

- \* npm
- \* Git
- \* Navigation



## 3- APIs & REST

## 4- Sass (CSS with Superpowers)



# Upcoming Trends

- 1- **AI/Chatbots**
- 2- **Interactive Design / Motion UI**
- 3- **Responsive Web Design**
- 4- **Mobile App Development**
- 5- **Desktop App Development**
- 6- **GraphQL**
- 7- **Typescript**
- 8- **Web Development**

